AMENDMENTS TO THE APPLICATION

In the Claims:

Please amend the claims as indicated below.

1. (Currently amended). A polymer formulation comprising a ~~triggerable~~ cationic polymer comprising cationic monomeric units and non-cationic monomeric units and a non-crosslinked co-binder polymer dispersed in the ~~triggerable~~ cationic polymer, wherein the cationic polymer is the continuous phase and the non-crosslinked co-binder polymer is the discontinuous phase and wherein the polymer formulation is ~~triggerable~~ insoluble in aqueous solution containing at least about 0.5 weight percent divalent metal salt capable of forming complex anions in water in the presence of said cationic polymer and the polymer formulation is dispersible in water containing up to about 200 ppm of one or more mono or multivalent ions.

2. (Currently amended) A polymer formulation comprising ~~an ion-specific~~ a cationic polymer comprising cationic monomeric units and water insoluble, hydrophobic monomeric units and a non-crosslinked co-binder polymer dispersed in the ~~ion-specific~~ cationic polymer, wherein the cationic polymer is the continuous phase and the non-crosslinked co-binder polymer is the discontinuous phase and wherein the polymer formulation is ~~triggerable~~ insoluble in aqueous solution containing at least about 0.5 weight percent divalent metal salt capable of forming complex anions in water in the presence of said cationic polymer and the polymer formulation is dispersible in water containing up to about 200 ppm of one or more mono or multivalent ions.

3. (Currently amended) A polymer formulation comprising a ~~triggerable~~ cationic polymer and a co-binder dispersed therein, wherein said ~~triggerable~~ cationic polymer comprises ~~a~~ cationic ~~monomer~~ monomeric units and ~~at least one~~ water insoluble, hydrophobic ~~monomer~~ monomeric units, wherein the cationic polymer is the continuous phase and the co-binder polymer is the discontinuous phase and wherein the polymer formulation is insoluble in aqueous solution containing at least about 0.5 weight percent divalent metal salt capable of forming complex anions in water in the presence of said cationic polymer and the polymer formulation is dispersible in water containing up to about 200 ppm of one or more mono or multivalent ions.

4. (Currently amended) A polymer formulation comprising a ~~triggerable~~ cationic polymer comprising cationic monomeric units and water insoluble, hydrophobic monomeric units and a ~~non-crosslinked~~ co-binder polymer dispersed in the cationic polymer, wherein the cationic polymer is the continuous phase and the non-crosslinked co-binder polymer is the discontinuous phase and wherein the polymer formulation is insoluble in aqueous solution containing at least about 0.5 weight percent divalent metal salt capable of forming complex anions in water in the presence of said cationic polymer; and the polymer formulation is ~~soluble~~ dispersible in ~~water containing up to about 200 ppm of one or more mono or multivalent ions~~ hard or soft water.

5. (Currently amended) A polymer formulation comprising a ~~triggerable~~ cationic polymer comprising cationic monomeric units and water insoluble, hydrophobic monomeric units and a non-crosslinked co-binder polymer dispersed in the cationic polymer, wherein the cationic polymer is the continuous phase and the non-crosslinked co-binder polymer is the

discontinuous phase and wherein the polymer formulation is insoluble in an aqueous solution containing at least about 0.5 weight percent divalent metal salt capable of forming a complex anion in water in the presence of said cationic polymer; and the polymer formulation is dispersible in hard or soft water.

6-9. (Withdrawn).

10. (New) The polymer formulation of Claim 1, wherein the cationic polymer comprises the polymerization product of cationic monomeric units and water insoluble, hydrophobic monomeric units.

11. (New) The polymer formulation of Claim 1, wherein the cationic polymer comprises the polymerization product of cationic monomeric units, water insoluble, hydrophobic monomeric units and hydrophilic monomeric units.

12. (New) The polymer formulation of Claim 1, wherein the cationic polymer comprises the polymerization product of cationic monomeric units, water insoluble, hydrophobic monomeric units and water-soluble nonionic monomeric units.

13. (New) The polymer formulation of Claim 1, wherein the cationic polymer comprises the polymerization product of cationic monomeric units, water insoluble, hydrophobic monomeric units, hydrophilic monomeric units and water-soluble nonionic monomeric units.

14. (New) The polymer formulation of Claim 2, wherein the cationic polymer comprises the polymerization product of cationic monomeric units, water insoluble, hydrophobic monomeric units and hydrophilic monomeric units or water-soluble nonionic monomeric units.

15. (New) The polymer formulation of Claim 3, wherein the cationic polymer comprises the polymerization product of cationic monomeric units, water insoluble, hydrophobic monomeric units and hydrophilic monomeric units or water-soluble nonionic monomeric units.

16. (New) The polymer formulation of Claim 4, wherein the cationic polymer comprises the polymerization product of cationic monomeric units, water insoluble, hydrophobic monomeric units and hydrophilic monomeric units or water-soluble nonionic monomeric units.

17. (New) The polymer formulation of Claim 5, wherein the cationic polymer comprises the polymerization product of cationic monomeric units, water insoluble, hydrophobic monomeric units and hydrophilic monomeric units or water-soluble nonionic monomeric units.

18. (New) A polymer formulation comprising a cationic polymer comprising cationic monomeric units and non-cationic monomeric units and a non-crosslinked co-binder polymer dispersed in the cationic polymer, wherein the cationic polymer is the continuous phase and the non-crosslinked co-binder polymer is the discontinuous phase and wherein the polymer formulation is insoluble in aqueous solution containing at least about 0.5 weight percent divalent metal salt and the polymer formulation is dispersible in water containing up to about 200 ppm of one or more mono or multivalent ions.

19. (New) A polymer formulation comprising a cationic polymer comprising cationic monomeric units and water insoluble, hydrophobic monomeric units and a non-crosslinked co-binder polymer dispersed in the cationic polymer, wherein the cationic

polymer is the continuous phase and the non-crosslinked co-binder polymer is the discontinuous phase and wherein the polymer formulation is insoluble in aqueous solution containing at least about 0.5 weight percent divalent metal salt and the polymer formulation is dispersible in water containing up to about 200 ppm of one or more mono or multivalent ions.

20. (New) A polymer formulation comprising a cationic polymer and a co-binder dispersed therein, wherein said cationic polymer comprises cationic monomeric units and water insoluble, hydrophobic monomeric units, wherein the cationic polymer is the continuous phase and the co-binder polymer is the discontinuous phase and wherein the polymer formulation is insoluble in aqueous solution containing at least about 0.5 weight percent divalent metal salt and the polymer formulation is dispersible in water containing up to about 200 ppm of one or more mono or multivalent ions.

21. (New) A polymer formulation comprising a cationic polymer comprising cationic monomeric units and water insoluble, hydrophobic monomeric units and a non-crosslinked co-binder polymer dispersed in the cationic polymer, wherein the cationic polymer is the continuous phase and the non-crosslinked co-binder polymer is the discontinuous phase and wherein the polymer formulation is insoluble in aqueous solution containing at least about 0.5 weight percent divalent metal salt and the polymer formulation is dispersible in water containing up to about 200 ppm of one or more mono or multivalent ions.

22. (New) A polymer formulation comprising a cationic polymer comprising cationic monomeric units and water insoluble, hydrophobic monomeric units and a non-crosslinked co-binder polymer dispersed in the cationic polymer, wherein the cationic polymer is the continuous phase and the non-crosslinked co-binder polymer is the discontinuous phase and wherein the polymer formulation is insoluble in an aqueous solution containing at least about 0.5 weight percent divalent metal salt and the polymer formulation is dispersible in hard or soft water.